

CARBOHYDRATE CONJUGATION

*S₂4 / 14.4.1
P*

OB 456694

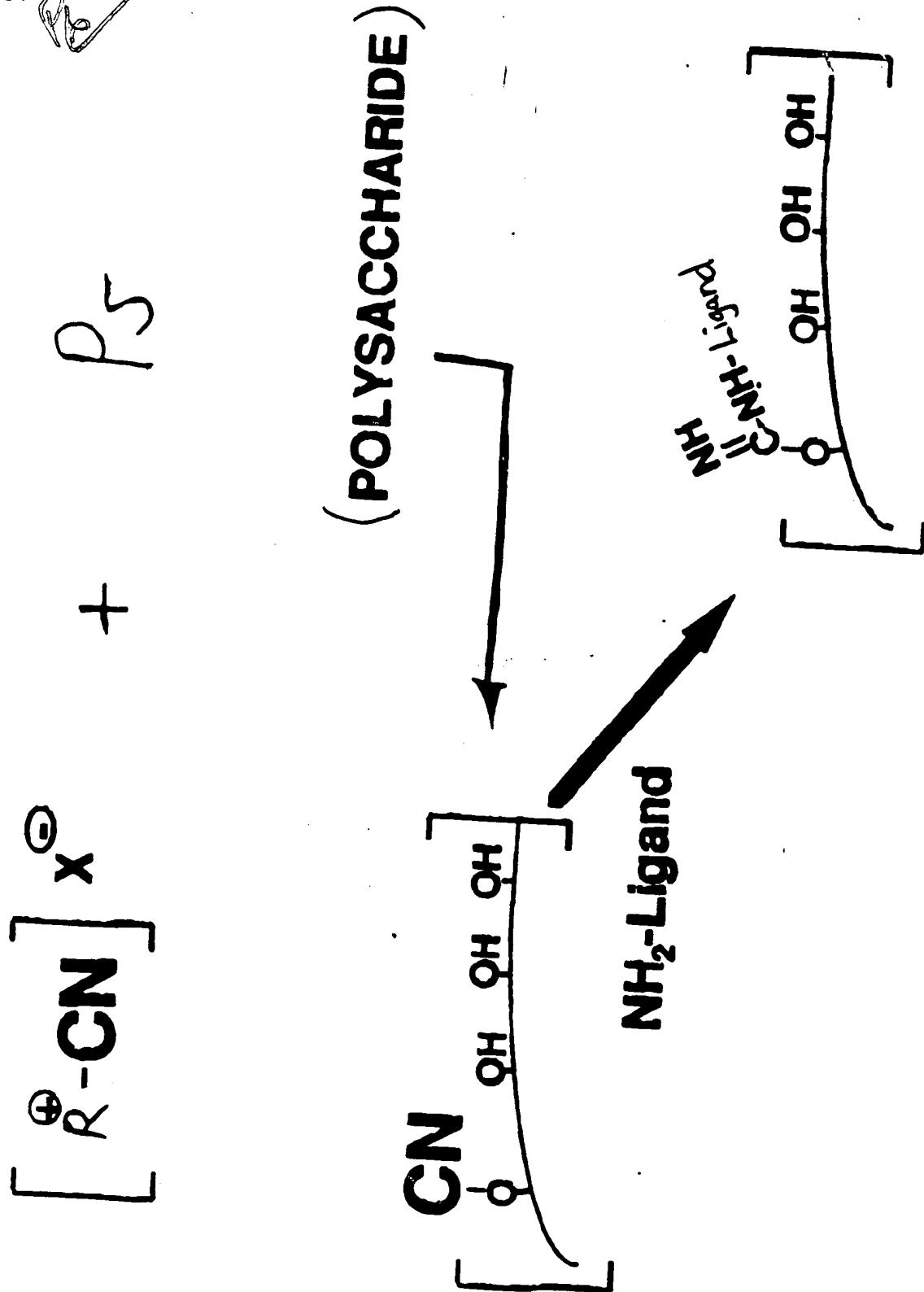


Figure 1

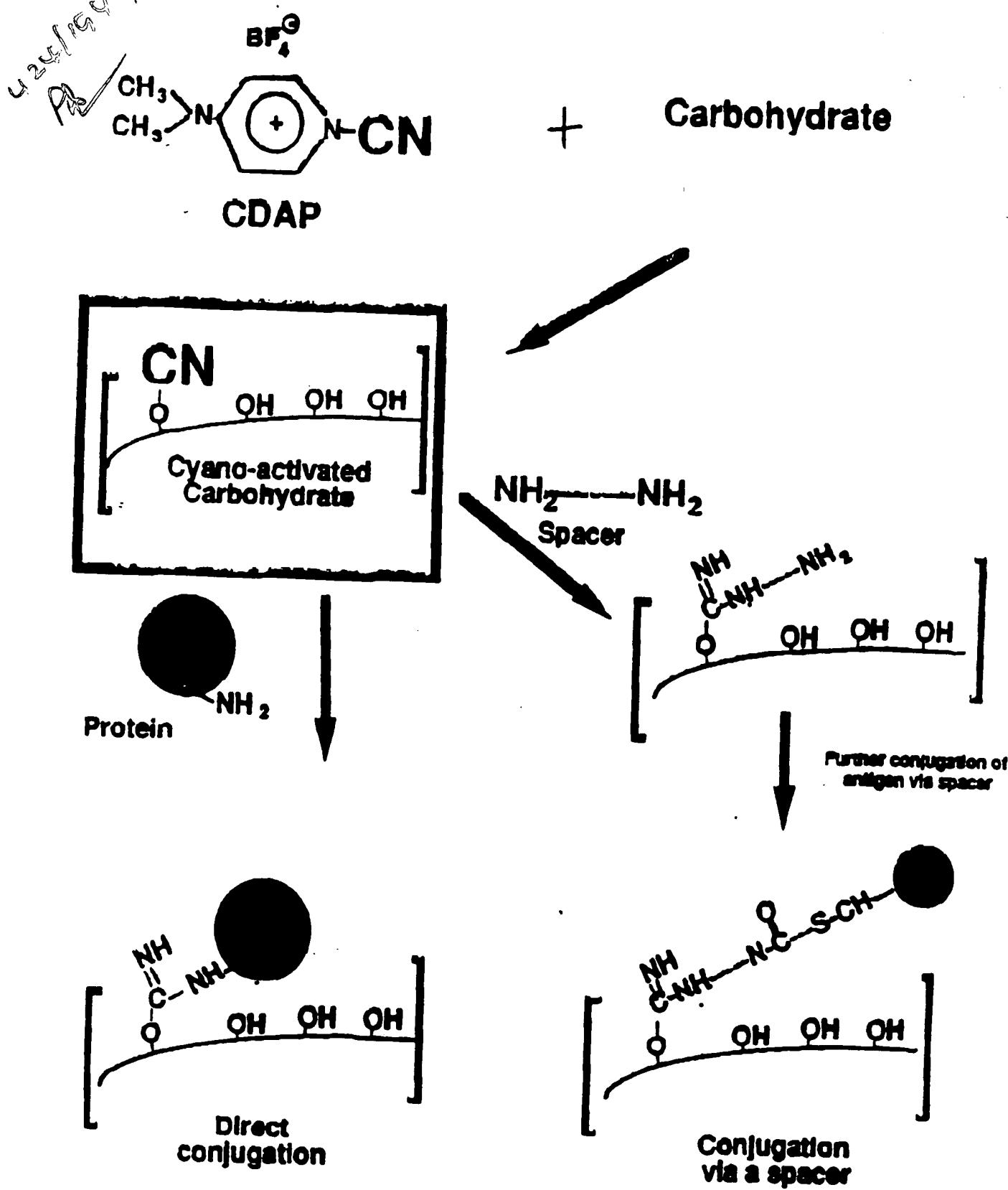
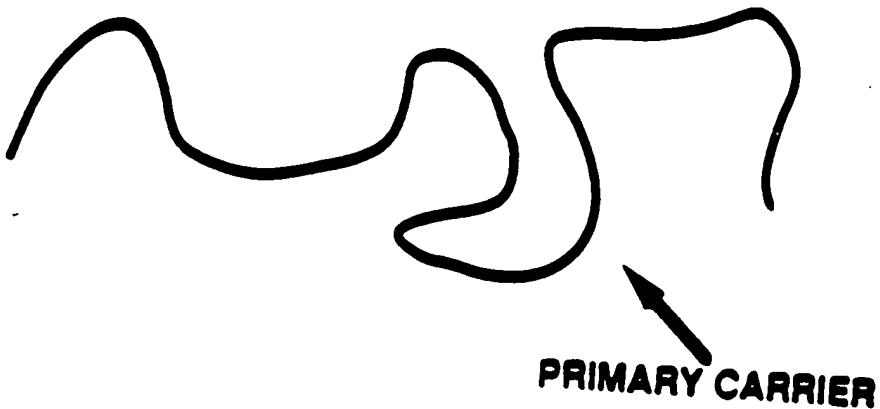


Figure 2

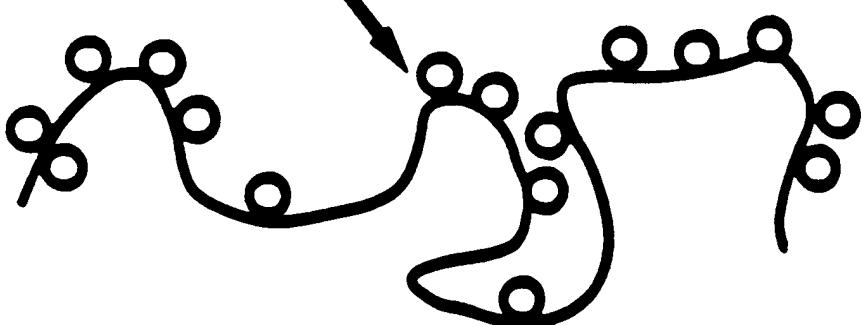
MODEL OF DUAL CARRIER VACCINE

IR 456694

4/24/1941
PA



SECONDARY CARRIER CONJUGATED TO PRIMARY CARRIER



HAPTED SECONDARY CARRIER CONJUGATED TO PRIMARY CARRIER

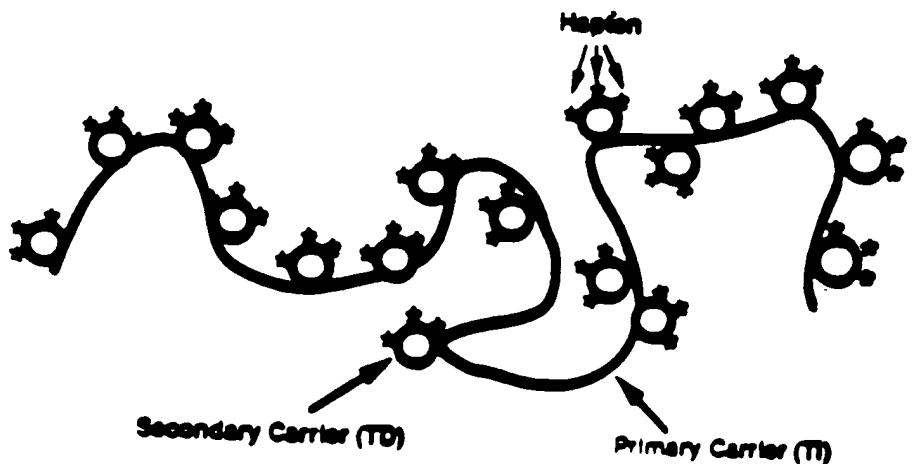


Figure 3

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$\times 24/194.1$
PA

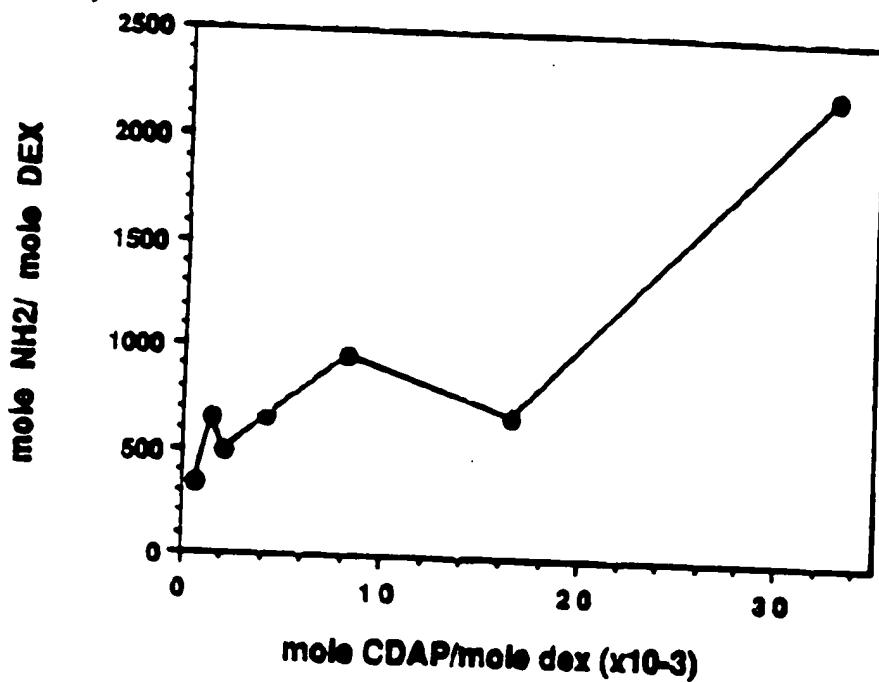


Figure 4

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$\text{Fe}^{2+}(\text{P}4.1)$
PC

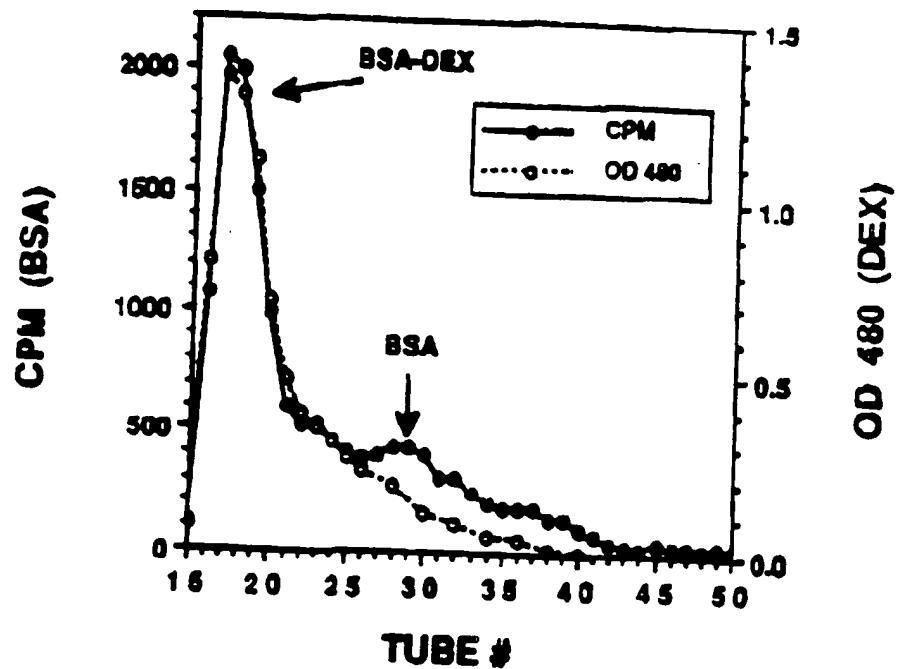


Fig. 5

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4/24/1941
PH

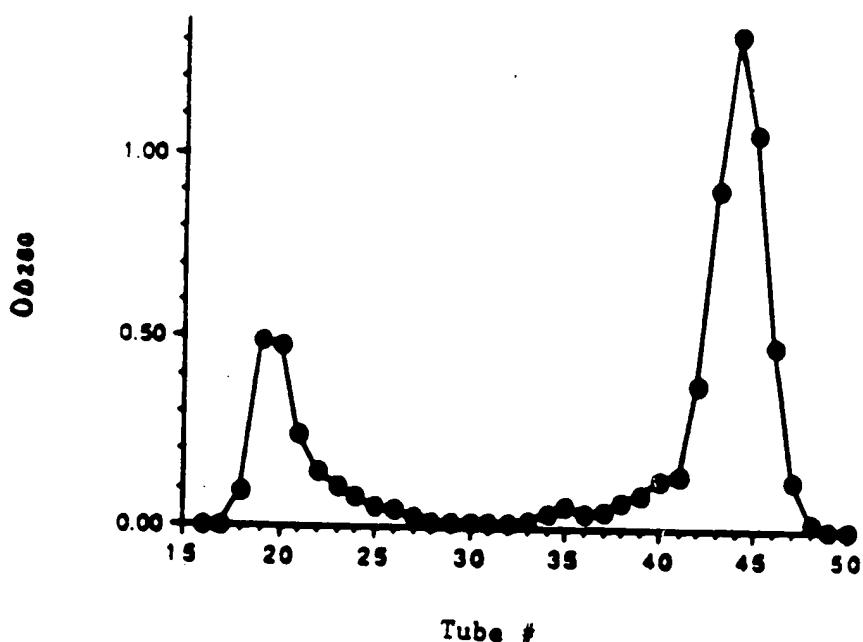
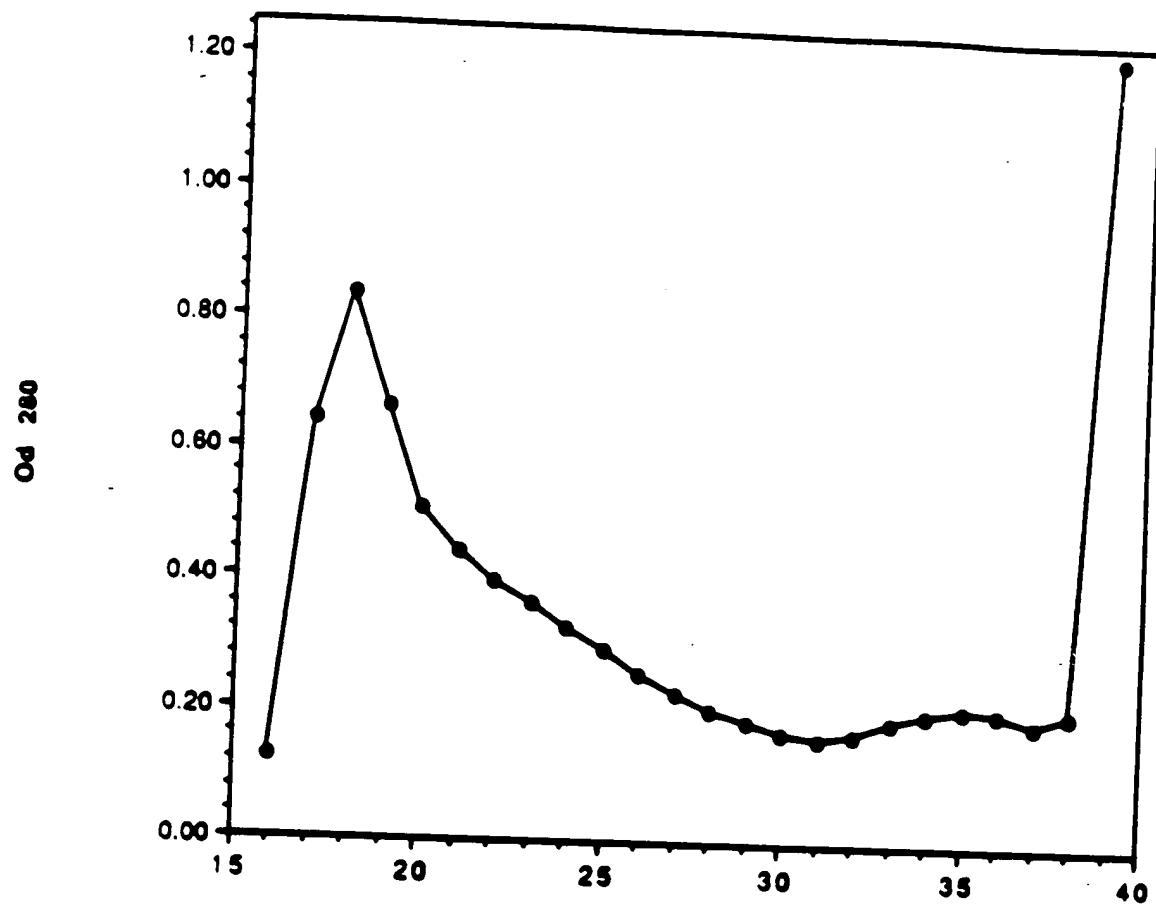


Figure 6

$\times 24/(ac.)$
Pp



Tube #

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42x1(94.1)
P2

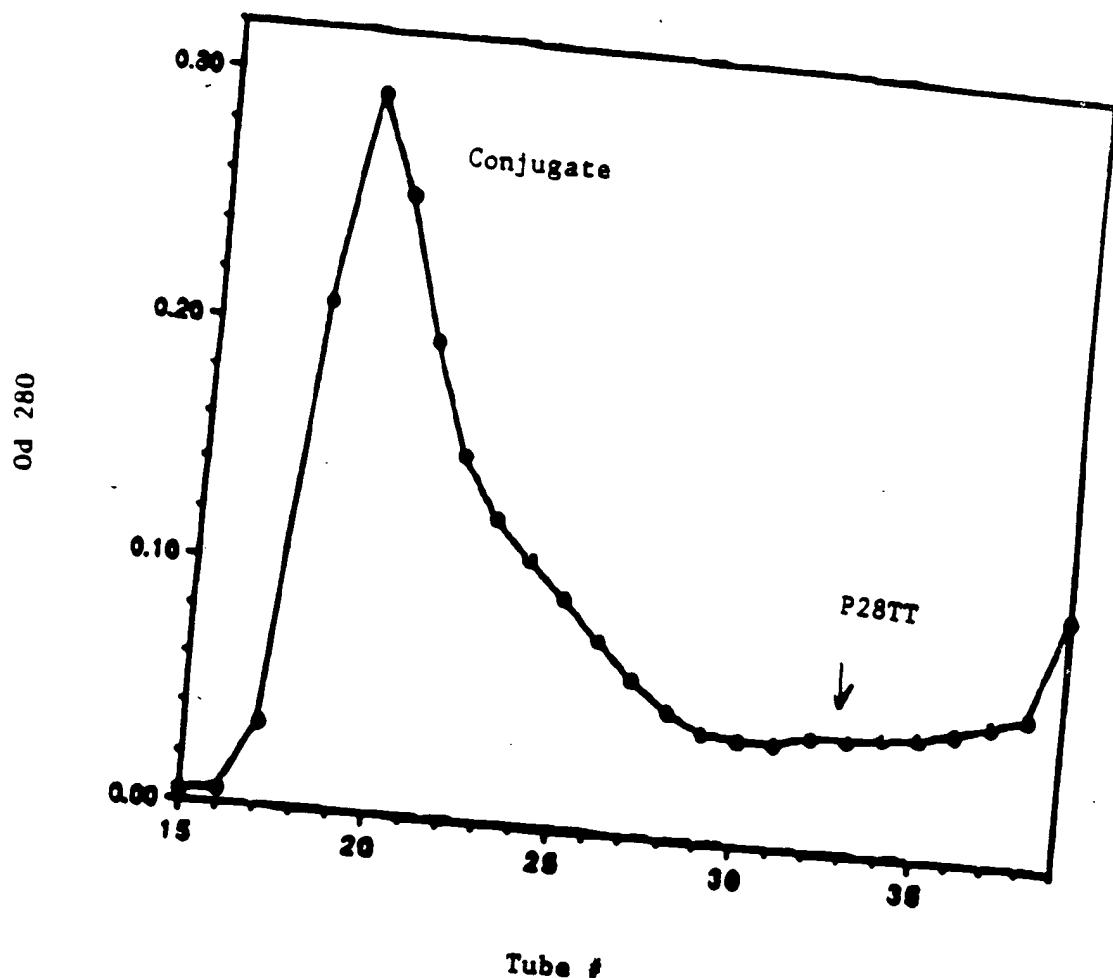
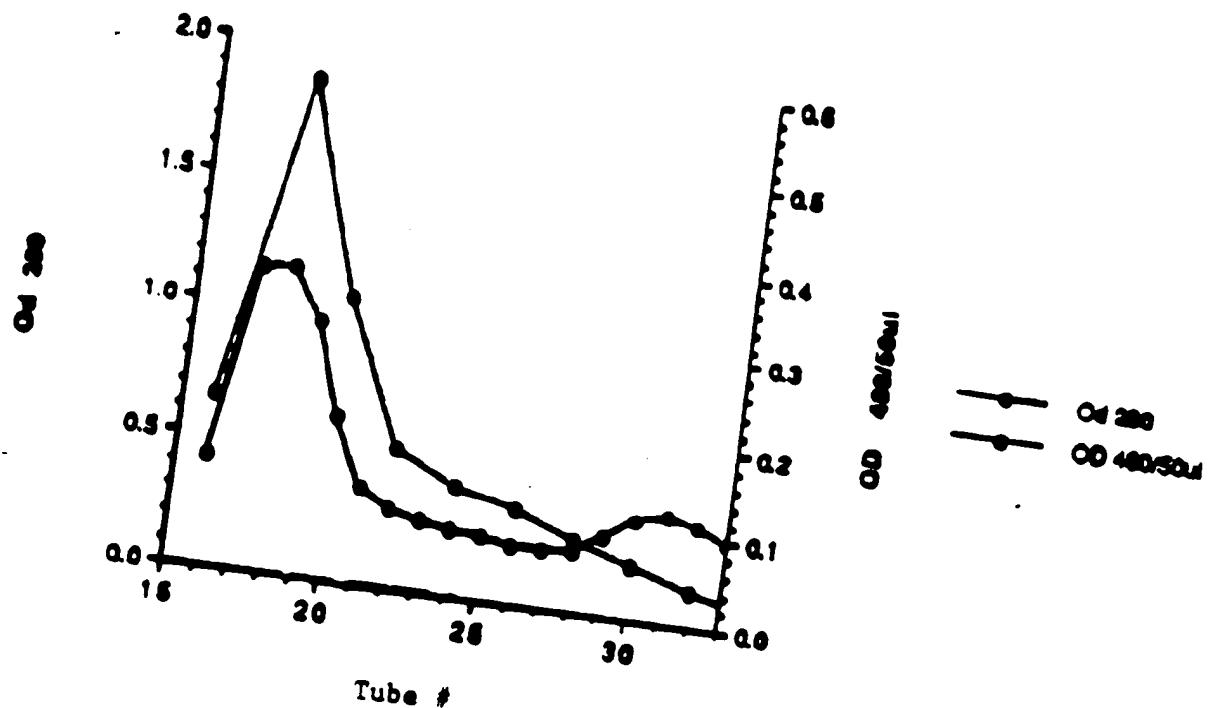


Figure 8

4241(94.1)
PP



W 456694

x2x/c4.1
PA

Derivatization of dextran with hexane diamine with CDAP

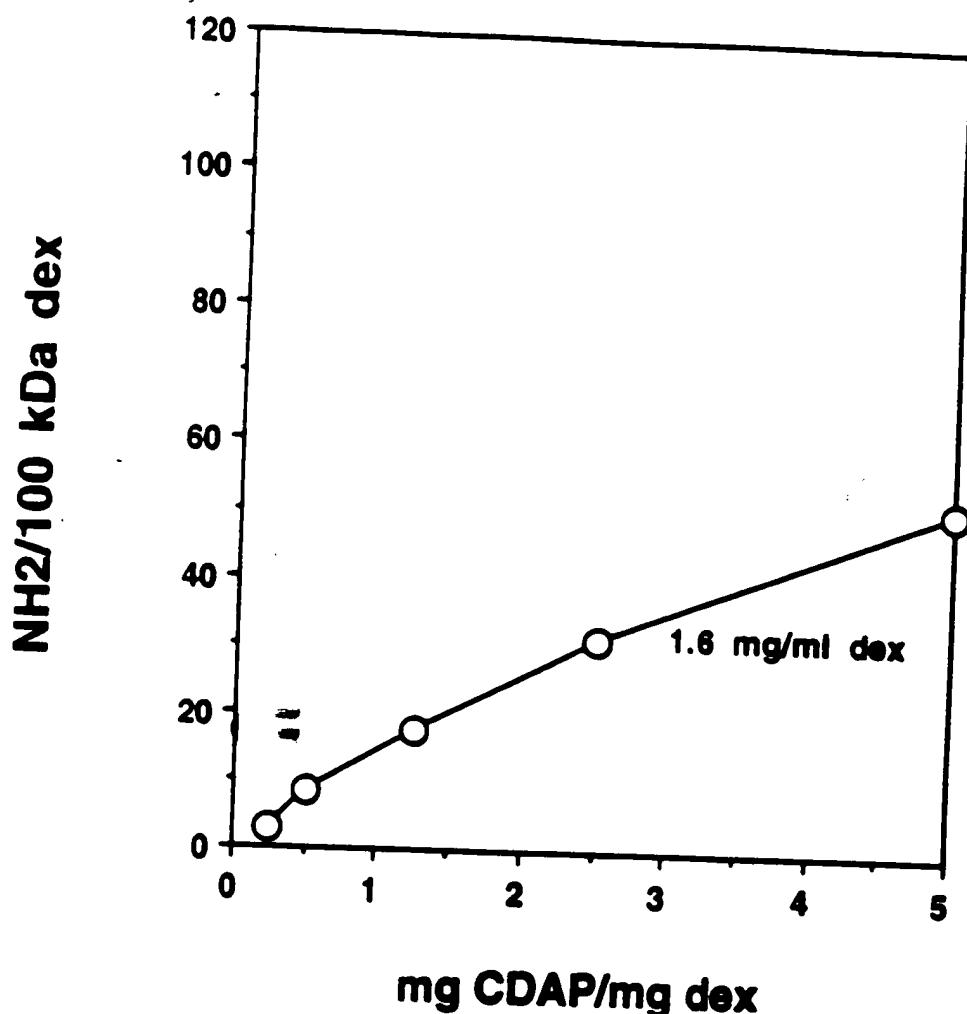


Figure 10

11 456694

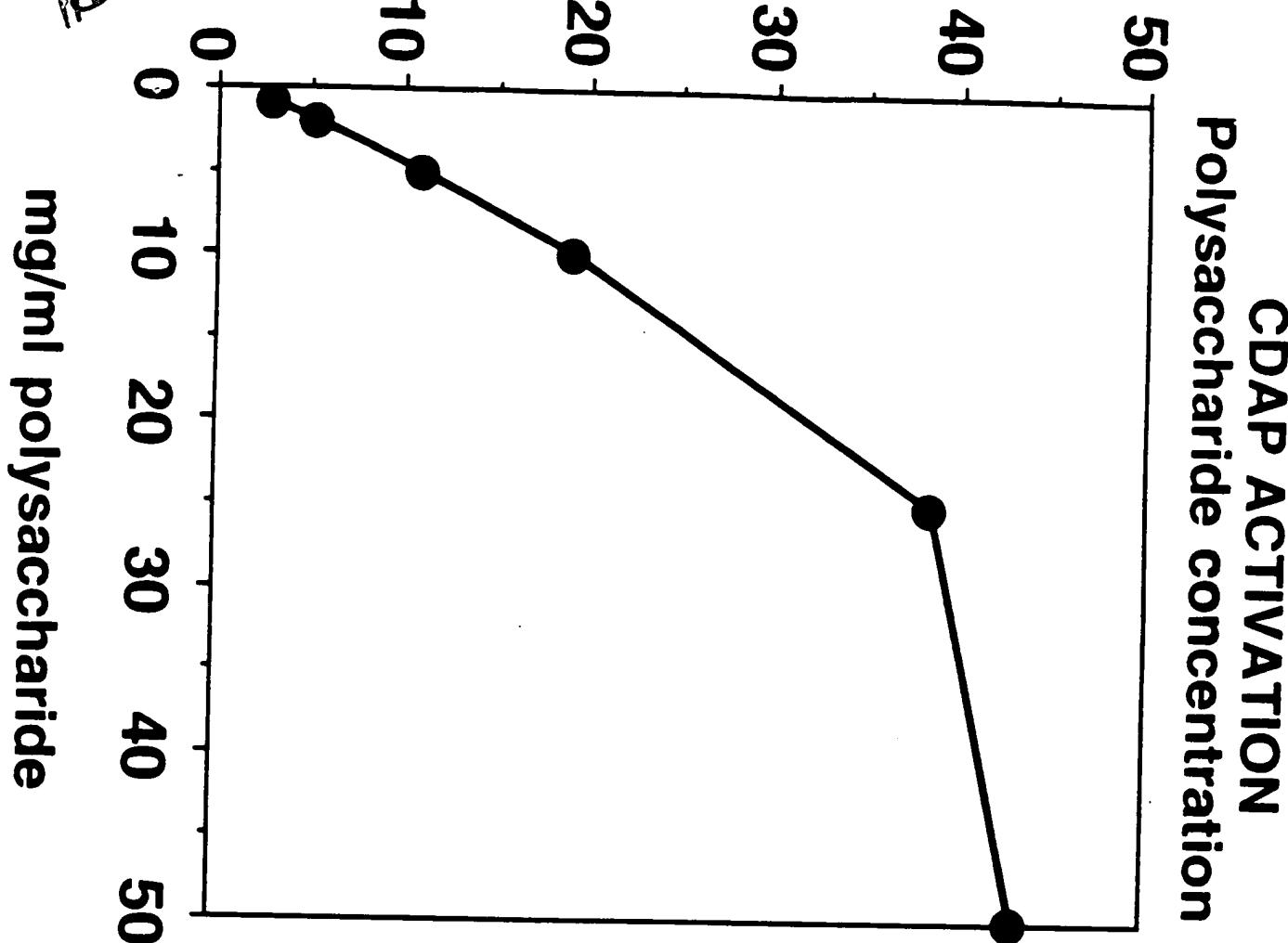


Figure 11

II 456894

$\frac{f_{24}}{f_0} / (5\%)$
P₀

**CDAP ACTIVATION
CDAP:Ps RATIO**

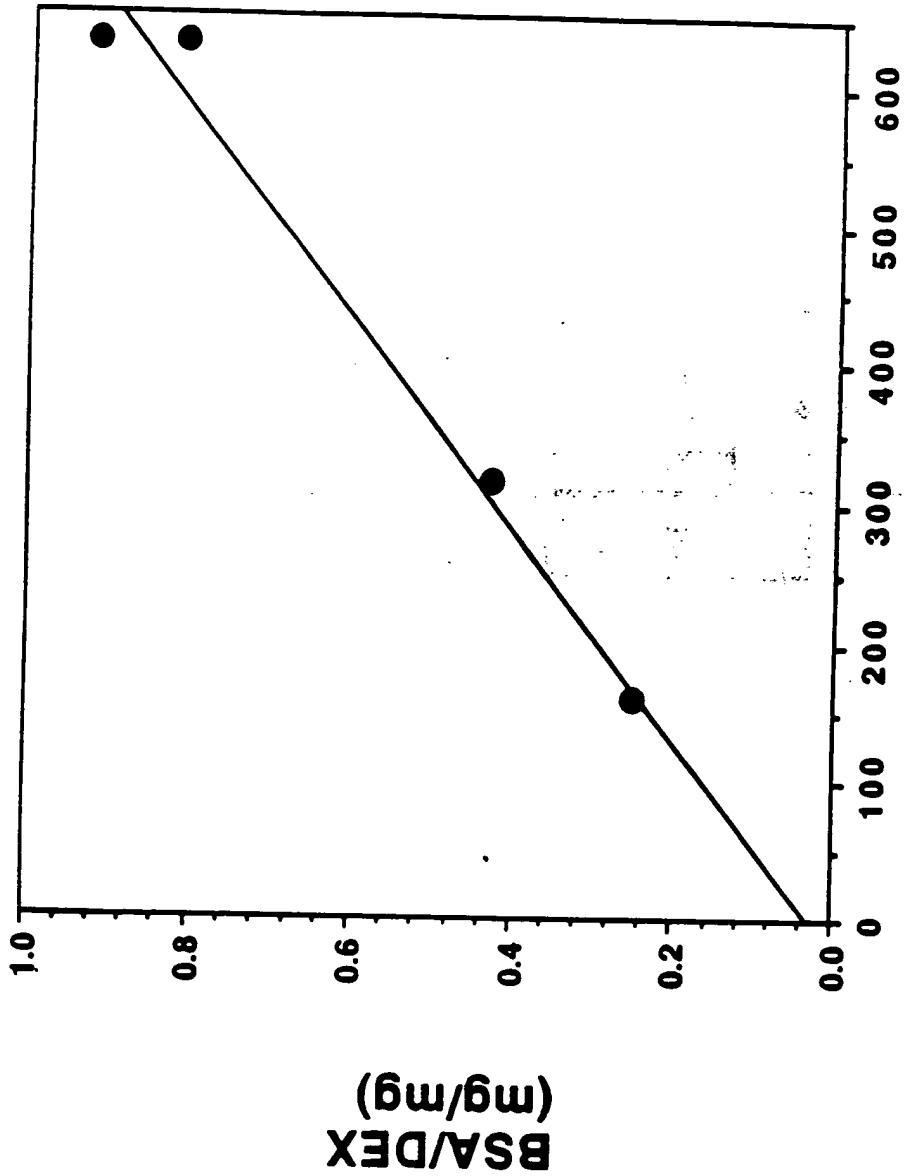


Figure 12

X24/1941
PA

OPTIMUM CDAP ACTIVATION TIME

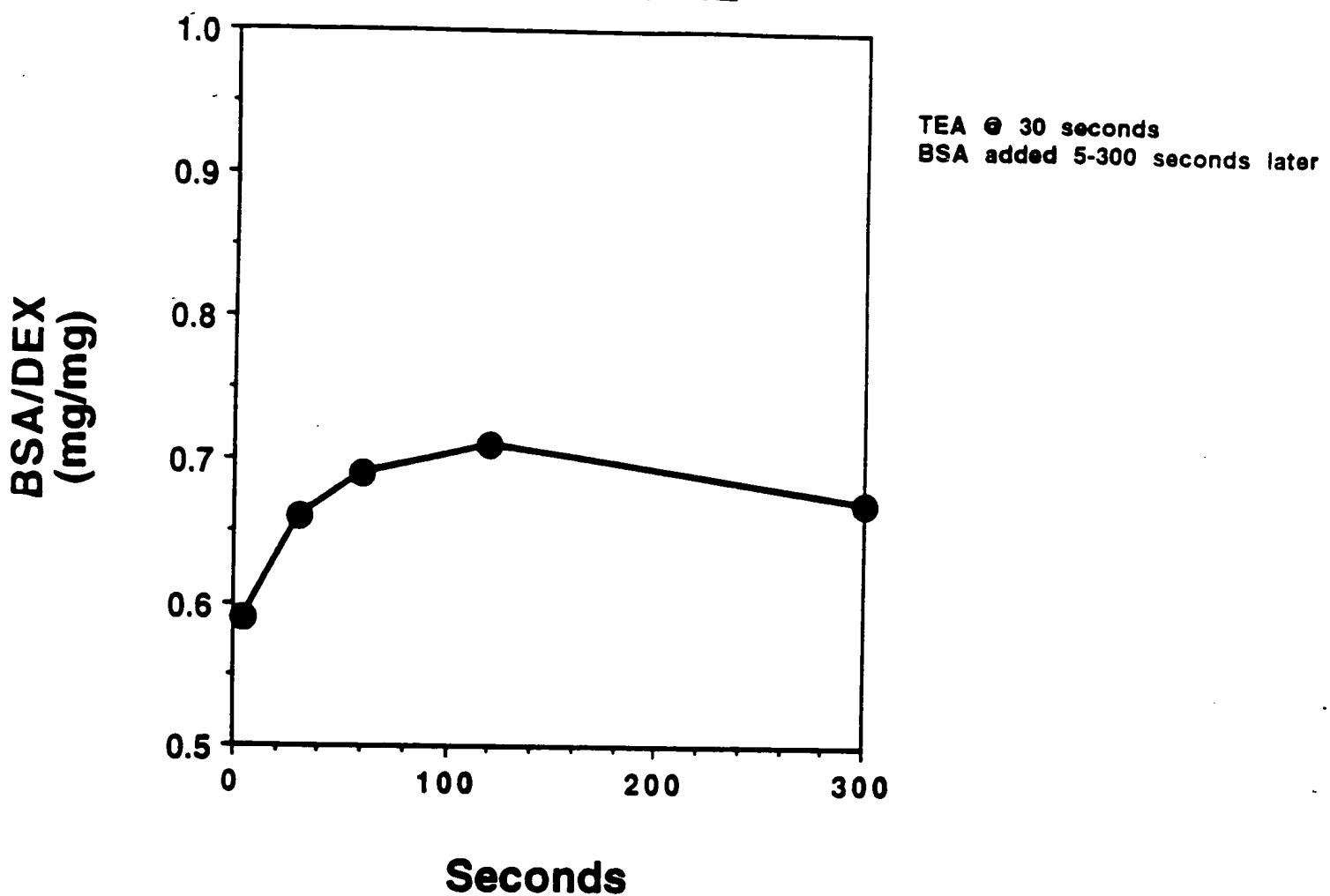


Figure 13

BB 456694

4/24/1994
P.A.G.

Stability of CDAP in water

This experiment indicates that CDAP is stable in water. The reaction commences with the addition of the polysaccharide and the increase in pH.

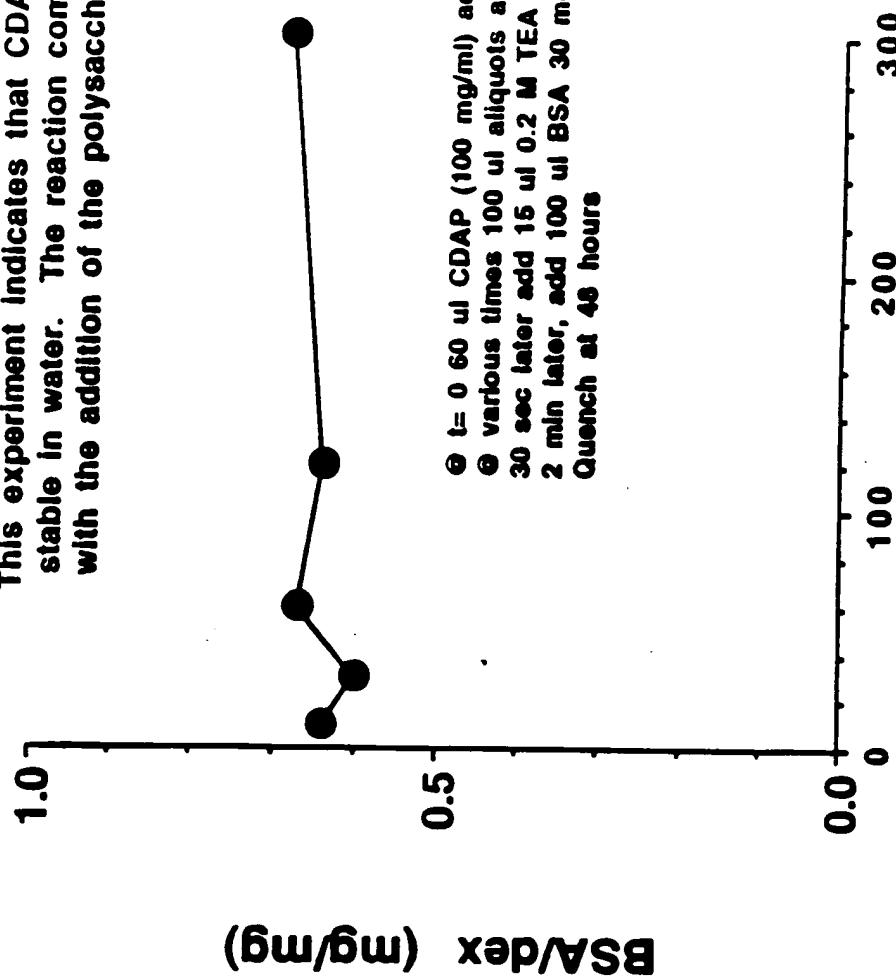


Figure 14

W 456694

12/21/94
P 94

Kinetics of Protein Coupling to
CDAP Activated Polysaccharide

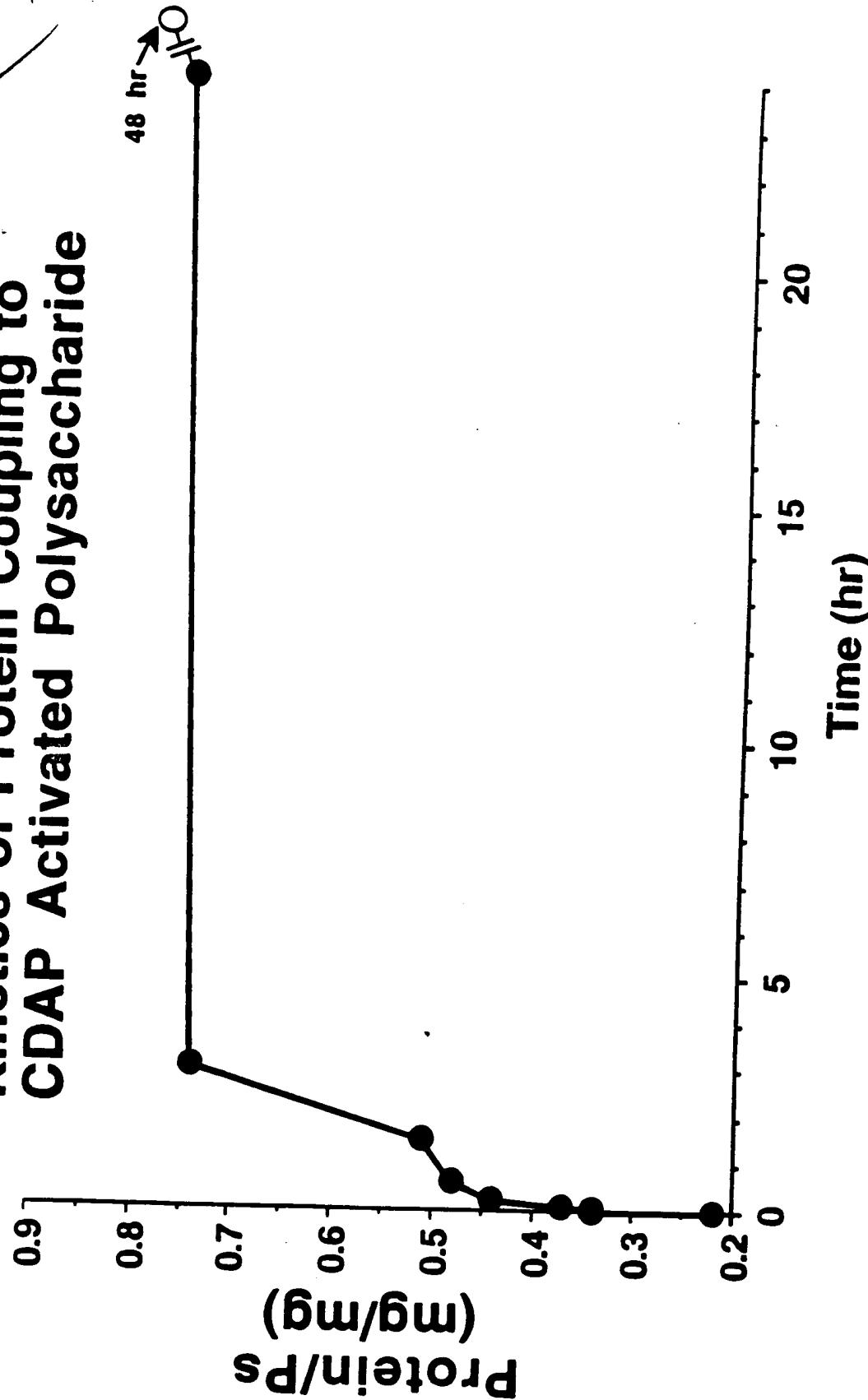


Figure 15

II 456694

4/24/1984
PP

Effect of pH on CDAP activation and
direct conjugation BSA/dex.
315 CDAP/100K dex; 2 mg BSA/mg dex
BSA @ 9 mg/ml

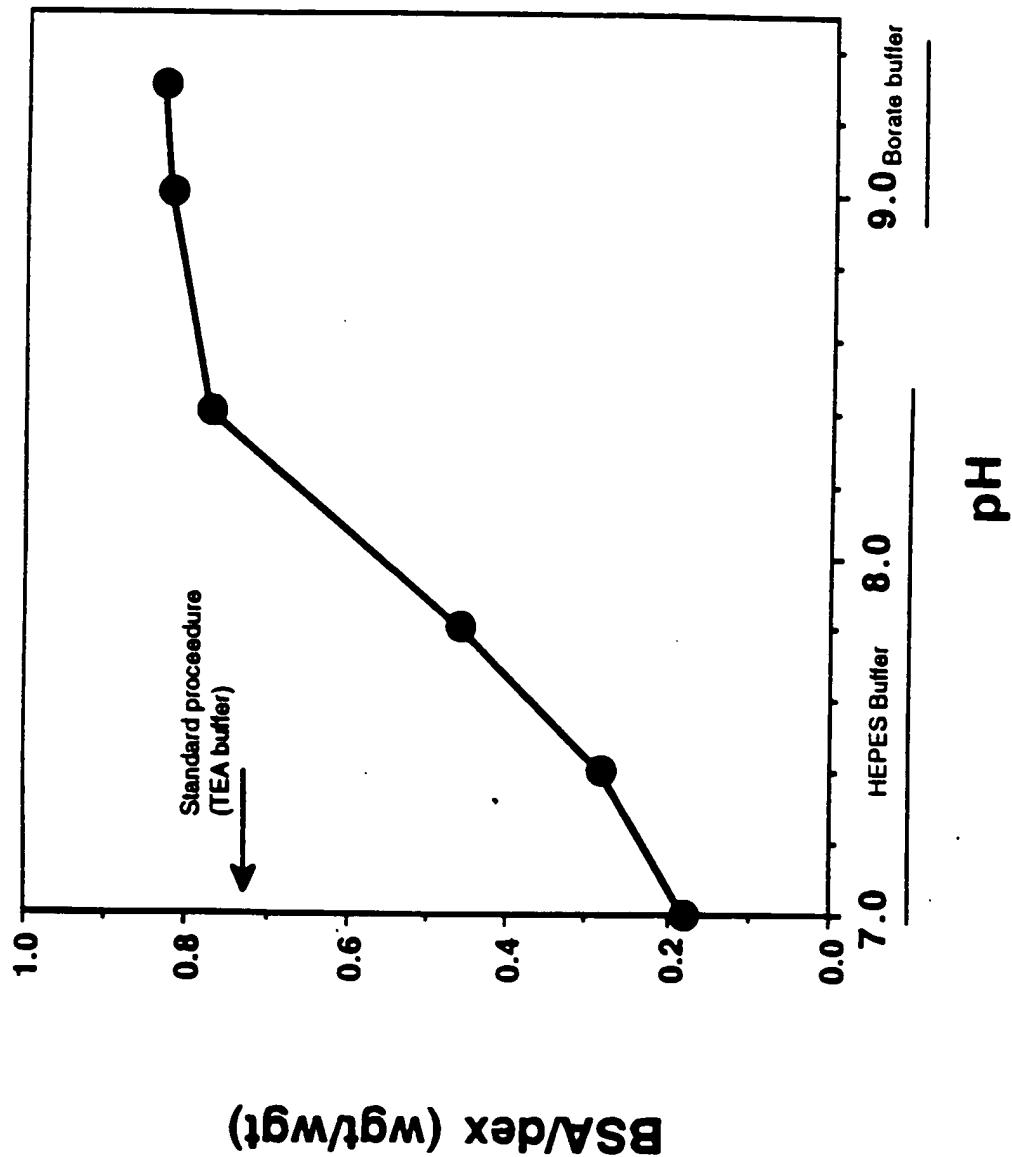


Figure 16

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4/24/94
PA

pH of protein conjugation

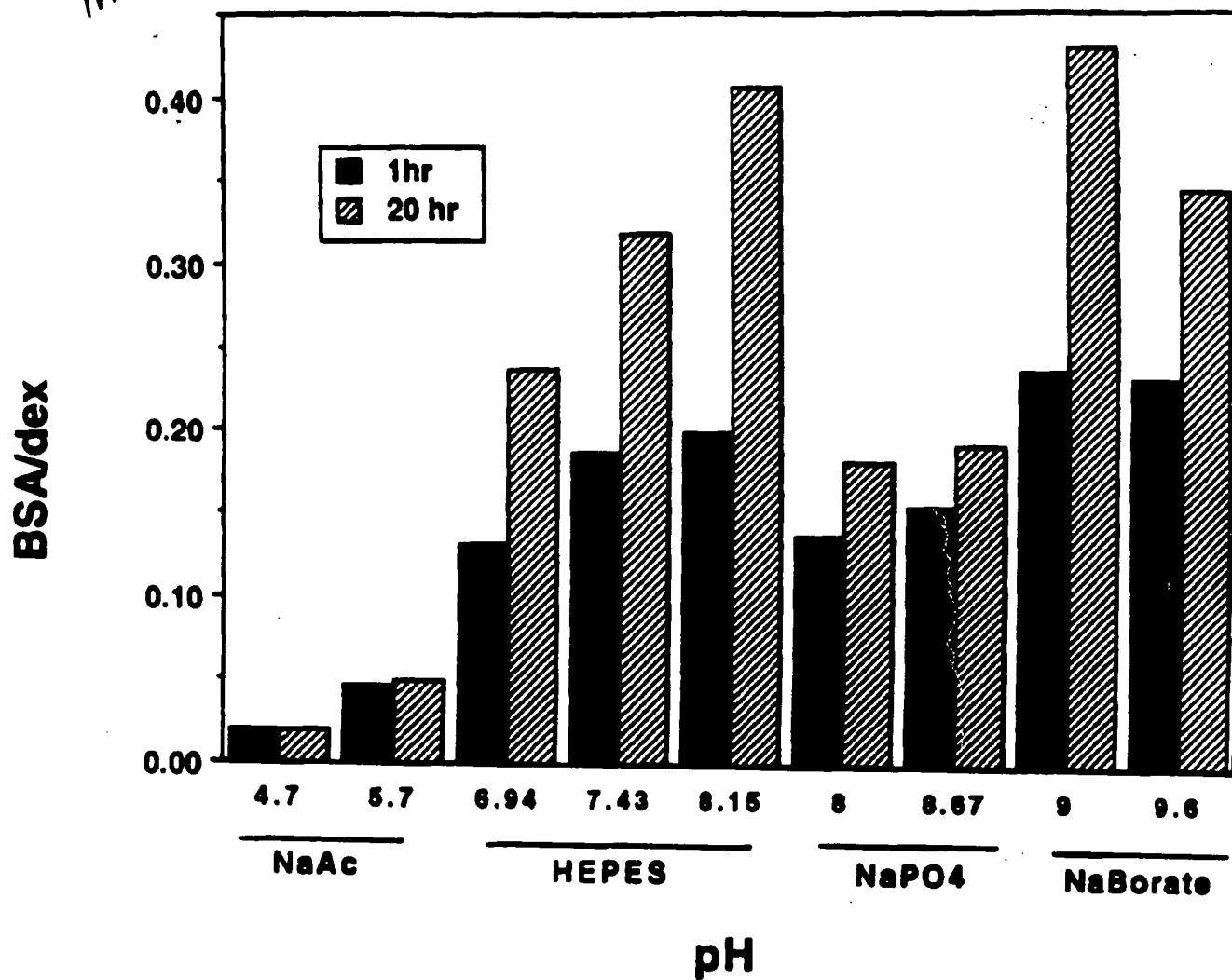


Figure 17